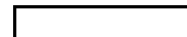


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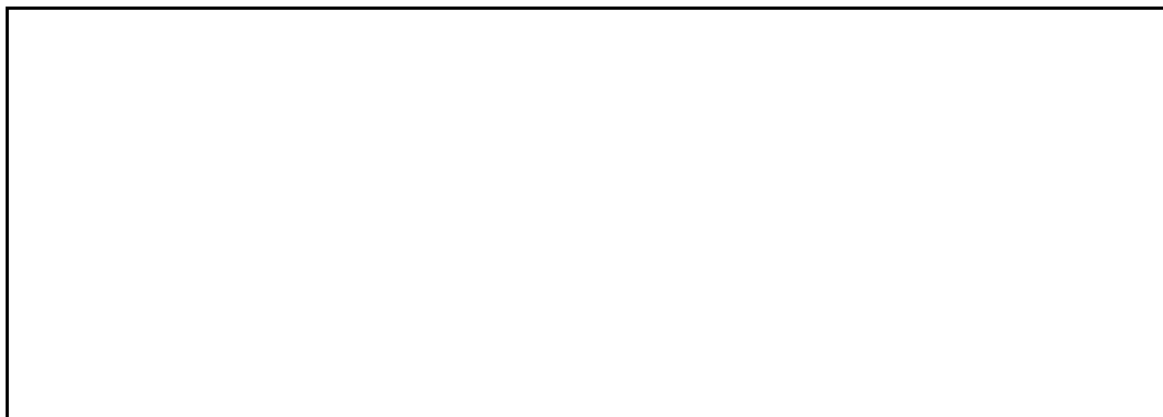
5 Pages

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE REPORT

NOVOSIBIRSK AIRFRAME PLANT
CHKALOV NO 153
NOVOSIBIRSK, USSR



DECLASS REVIEW by NIMA/DOD



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NOVOSIBIRSK AIRFRAME PLANT CHKALOV NO 153, NOVOSIBIRSK, USSR

Novosibirsk Airframe Plant Chkalov No 153 is located at 55-04-00N 082-59-10E in the northeast suburbs of Novosibirsk, USSR (Figure 1). The plant is adjacent to Novosibirsk Airfield Northeast and is served by major roads and rail spurs.

Novosibirsk Airframe Plant Chkalov No 153 was observed on photography from (Figure 3). At that time the plant contained approximately 2,459,315 square feet of floorspace. A comparison of the earlier photography with that from reveals

additions containing approximately 693,875 square feet of floorspace (Figures 2 and 3). The additions include a final assembly hall (item 1, Figure 2 and Table 1), a repair hangar (item 7), a workshop/machine shop (item 10), and a subassembly/machine shop under construction (item 15). The hangar (item 8, Figure 2 and Table 1), two workshops (items 13 and 14), and the warehouse (item 16) have also been expanded since

The construction of the final assembly hall was in an early stage in and was complete by . The expansion of the two workshops and the warehouse was

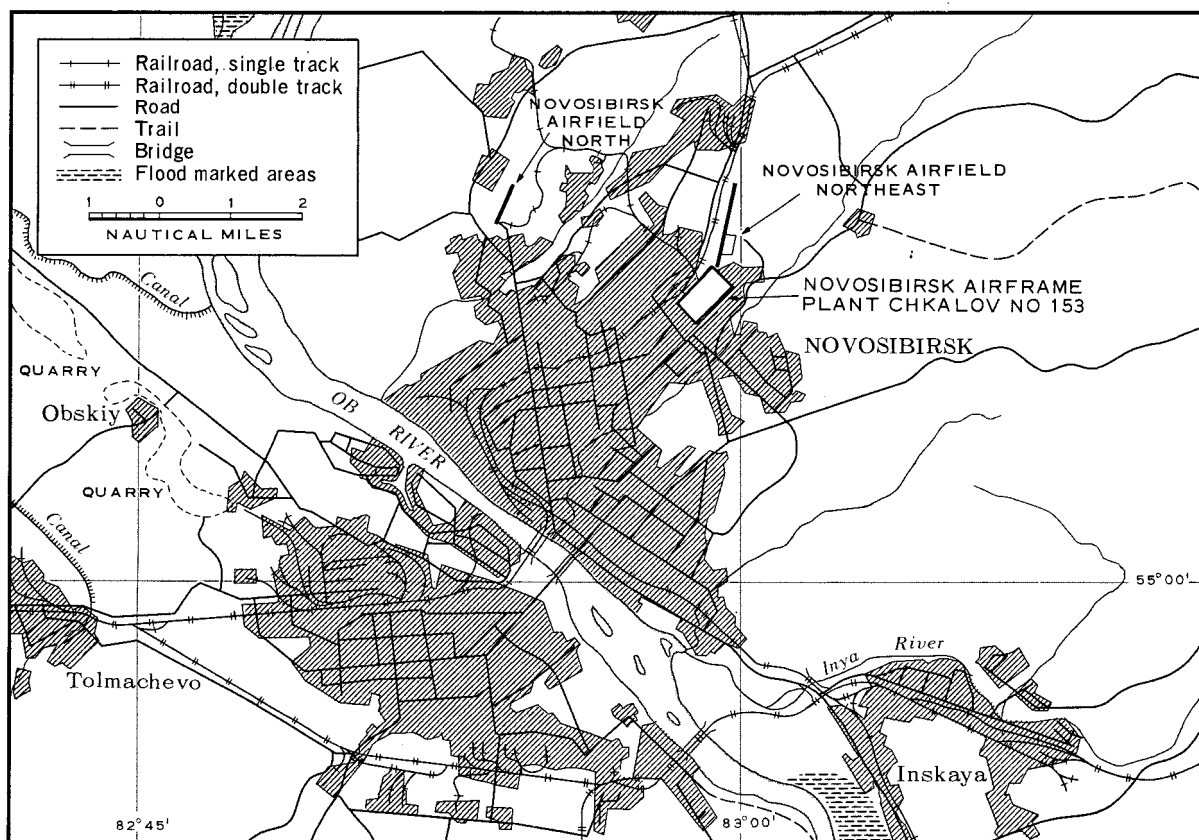


FIGURE 1. LOCATION MAP.

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Table 1. Description of Facilities at Novosibirsk Airframe Plant Chkalov No 153
(Items are keyed to Figure 2)

Item	Description/Function	Dimensions (ft)	Floorspace (sq ft)	Item	Description/Function	Dimensions (ft)	Floorspace (sq ft)
1	Final assembly hall	775 x 190 x 70h	147,250	12	Administration building, three stories	Irregular	69,000
2	Workshop/machine shop	Irregular	140,040	13	Workshop	640 x 170	108,800
3	Final assembly hall	1,150 x 105 x 40h	120,750	14	Workshop	640 x 145	92,800
4	Subassembly section	Irregular	580,000	15	Subassembly/machine shop under construction	925 x 340	314,500
5	Subassembly/machine shops	Irregular	382,800	16	Warehouse	600 x 130	78,000
6	Workshop	Irregular	45,600	17	Workshop/warehouse	640 x 100	64,000
7	Repair hangar	160 x 110	17,600	18	Foundry	Irregular	30,275
8	Hangar	Irregular	77,600	19	Workshop	290 x 100	29,000
9	Workshop	380 x 185	70,300	20	Workshop	330 x 100	33,000
10	Workshop/machine shop	375 x 265	99,375	Total floorspace of numbered buildings			2,597,040
11	Administration building, two stories	Irregular	96,350	Total floorspace of other buildings			556,150
				Total floorspace of plant			3,153,190

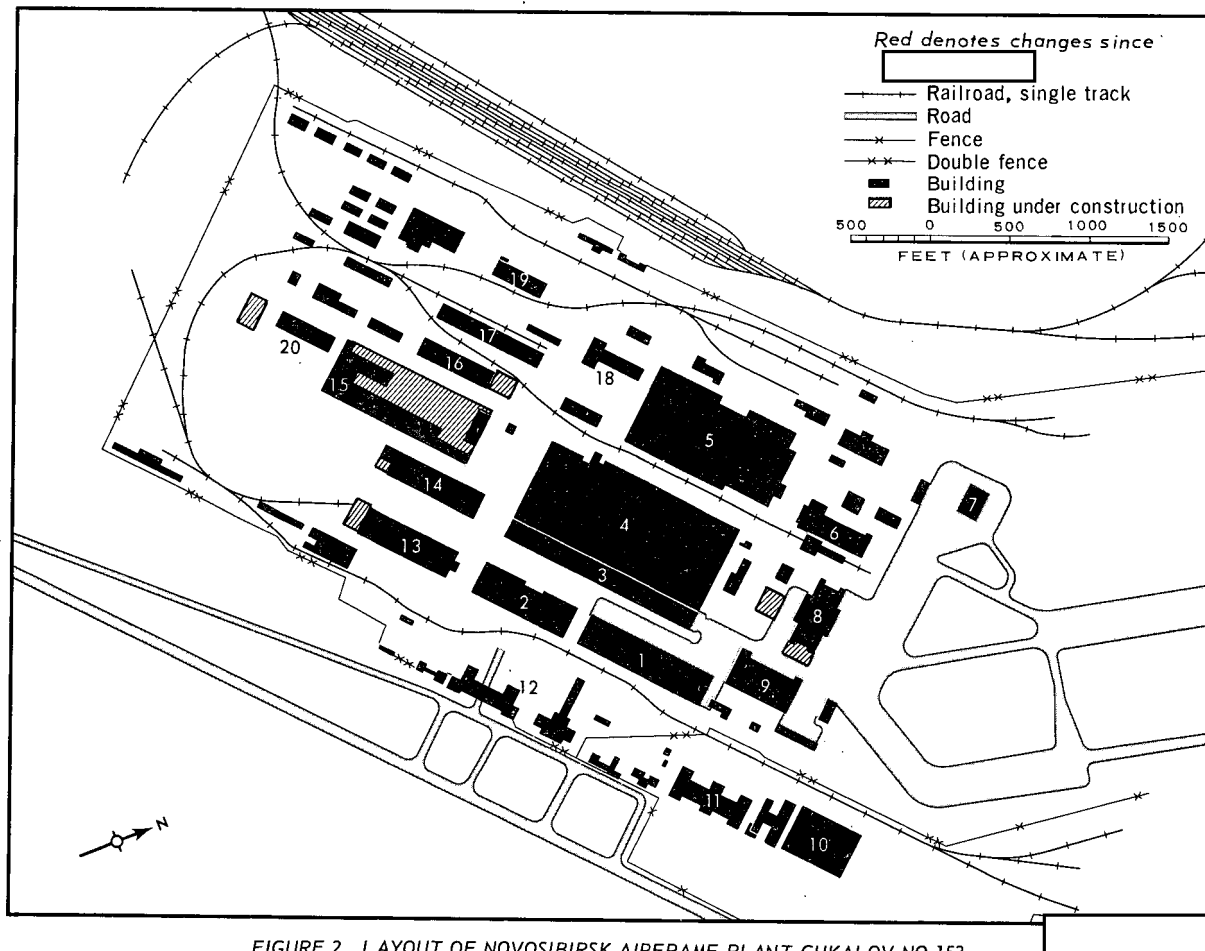


FIGURE 2. LAYOUT OF NOVOSIBIRSK AIRFRAME PLANT CHKALOV NO 153.

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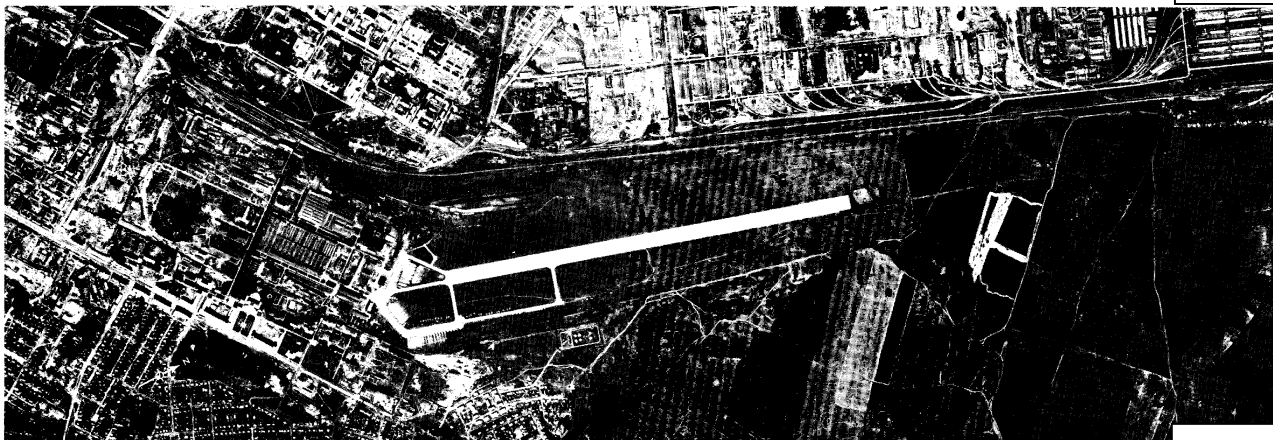


FIGURE 3. NOVOSIBIRSK AIRFRAME PLANT CHKALOV NO 153.

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in progress in [] and was complete by [] The repair hangar and the workshop/machine shop were erected between [] The construction of the subassembly/machine shop was evident in [] it appears that the building will be completed in the near future.

Novosibirsk Airfield Northeast, which serves the plant as a test and flyaway field, has two serviceable northeast/southwest concrete runways. The shorter runway was extended

from 6,600 feet to its present dimensions of 8,200 by 230 feet between [] Construction of the longer runway had begun by [] the runway now appears to be complete, with overall dimensions of 9,500 by 250 feet. The two runways are joined by four crossovers and are connected by taxiways to the airframe plant. One probable BADGER, 25 fighters, 3 medium straight-wing and 3 small straight-wing aircraft were observed at the airfield in []

REFERENCES

PHOTOGRAPHY



MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0162-10A, 1st ed, Jun 59, scale 1:200,000 (SECRET)

REQUIREMENT

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